

Title (en)

Vehicle brake hydraulic pressure control apparatus

Title (de)

Hydraulische Drucksteuerungseinheit für Fahrzeugbremsen

Title (fr)

Appareil de contrôle de pression hydraulique pour frein de véhicule

Publication

EP 2733029 A1 20140521 (EN)

Application

EP 13193662 A 20131120

Priority

JP 2012254691 A 20121120

Abstract (en)

One embodiment provides a vehicle brake hydraulic pressure control apparatus configured to perform a pressure hold control to hold a brake hydraulic pressure in a state in which a vehicle comes to a halt. Further, the pressure hold control is canceled using an initial pressure reduction mode in which the brake hydraulic pressure is reduced at one of a rapid pressure reduction rate of a previously-set given gradient and a normal pressure reduction rate calculated based at least on an accelerator opening, which is higher and a latter pressure reduction mode in which the brake hydraulic pressure is reduced at the normal pressure reduction rate after the brake hydraulic pressure has been reduced to a switching threshold by the initial pressure reduction mode.

IPC 8 full level

B60T 7/12 (2006.01)

CPC (source: EP US)

B60T 7/122 (2013.01 - EP US); **B60T 8/17** (2013.01 - US); **B60T 13/146** (2013.01 - EP US); **B60T 13/662** (2013.01 - EP US); **B60T 13/686** (2013.01 - EP US); **B60T 8/3655** (2013.01 - EP US); **B60T 8/4872** (2013.01 - EP US); **B60T 2201/06** (2013.01 - EP US)

Citation (applicant)

JP 2007331579 A 20071227 - NISSIN KOGYO KK, et al

Citation (search report)

- [Y] US 2011202249 A1 20110818 - POTHIN RICHARD [FR], et al
- [Y] EP 1502833 A1 20050202 - TRANSTRON INC [JP], et al

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WO2016116416A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2733029 A1 20140521; **EP 2733029 B1 20160824**; CN 103832422 A 20140604; CN 103832422 B 20170510; JP 2014101046 A 20140605; JP 5632442 B2 20141126; US 2014142828 A1 20140522; US 9421952 B2 20160823

DOCDB simple family (application)

EP 13193662 A 20131120; CN 201310586036 A 20131120; JP 2012254691 A 20121120; US 201314082720 A 20131118